

REMARKS

Claims 1-21 are currently pending in the patent application. The Examiner has objected to the Specification in many areas. Applicants have reviewed the Specification and believe that the amendments presented herein address the Examiner's concerns. The Examiner has rejected claim language under 35 USC 112 as indefinite. Amendments to the claim language address the 112 concerns. The Examiner has rejected Claims 1-21 under 35 USC 102 as anticipated by Kim. For the reasons set forth below, Applicants believe that the claims are allowable over the Kim patent.

The Kim patent is directed to a satellite communications system comprising a network of nodes, wherein one node is designated as a master node and another as a stand-by master node. All of the nodes of the network have the same configuration, including an antenna subsystem, RF subsystem, communications controller, etc. The relevant passages of Kim, particularly from Col. 78 through 83, deal with routing communications through the network of nodes. Applicants respectfully assert that the Kim patent does not teach or suggest the invention as claimed.

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With specific reference to the language of the independent claims, the Kim patent does not teach a system or method for message processing in a system for communicating with remote units over at least one data network and for communicating with at least one dedicated CPU. Rather, Kim provides a message routing system. The Kim patent does not teach the steps of receiving a message to be processed and determining the kind of message processing treatment to be performed with said received message. Kim determines if a message is to be routed, but does not determine the kind of processing treatment for the message.

Next, with respect to the claim step of storing message specific information specifying the contents of the received message and the determined message processing treatment into a first set of registers, Applicants first note that since Kim has not determined a message processing treatment, such information cannot be stored. Furthermore, Kim teaches message routing but does not teach or suggest storing message contents and determined message processing treatment.

Further, Kim does not teach or suggest monitoring a first set of registers in order to start processing a received message once a process execution unit is available

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for processing. Rather, Kim teaches that a message is sent to its destination, regardless of execution unit availability and with no monitoring of registers, let alone registers containing determined message processing treatment as well as message contents.

Applicants further assert that the Kim patent does not teach a step for performing a determined message processing treatment, whereby said processing is executed sequentially, in parallel, or both sequentially and in parallel. Since Kim does not determine what processing treatment is appropriate for a message, Kim clearly does not then perform the determined treatment. The most that Kim does is route a message from a node when that node determines that it is not the message destination.

With regard to the claim feature of monitoring the first set of registers in order to start presenting the result of said determined message processing treatment once the processing of the message is complete, Applicants again note that Kim does not determine a message processing treatment, nor does Kim execute that treatment to produce results for presenting. Moreover, there is nothing in the cited Kim teachings regarding presenting processing results.

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Finally, Applicants assert that the Kim patent does not teach presenting the result of determined message processing to be forwarded to a destination unit. Kim routes a message to a message destination unit but does not route the results of message processing to a message destination.

It is well established under U. S. Patent Law that, for a reference to anticipate claim language under 35 USC 102, that reference must teach each and every claim feature. Since the Kim patent does not teach steps or means for message processing in a system for communicating with remote units over at least one data network and with at least one dedicated CPU the method comprising the means and steps for receiving a message to be processed and determining the kind of message processing treatment to be performed with said received message; for performing said determined message processing treatment, and for presenting the result of the determined message processing to be forwarded to a destination unit, it cannot be maintained that the Kim patent anticipates the invention as set forth in the independent claims, Claims 1, 19, and 21, or the claims which depend therefrom and add further limitations thereto.

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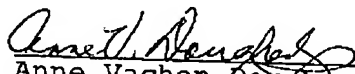
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Based on the foregoing amendments and remarks, Applicants respectfully request entry of the amendments, reconsideration of the amended claim language in light of the remarks, withdrawal of the rejections, and allowance of the claims.

Respectfully submitted,

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